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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 09/471,703  
Filing Date December 23, 1999  
First Named Inventor MERENKOVA, IRENA N.  
Group Art Unit 1655  
Examiner Name ARTHUR, LISA BENNETT  
Attorney Docket Number TGEN-001

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
LBA			WO 06/30545		Applied Genetics, Inc.	10-03-1996		
gp			WO 98/59066		Molecular Tool, Inc.	12-30-1998		

Examiner Signature

Lisa Bennett

Date

Considered

8/27/02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/471,703
		Filing Date	December 23, 1999
		First Named Inventor	MERENKOVA, IRENA N.
		Group Art Unit	1655
		Examiner Name	ARTHUR, LISA BENNETT
Sheet 2 of 2	Attorney Docket Number	TGEN-001	

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LBA		Hu, et al. "Primer Specific and Mismatch Extension Analysis (PSMEA) as a Simple Approach to fast Genotyping", Nucleic Acid Research, 1998, Vol. 26(21) 5013-5015.	
LBA		Krook, et al. "Rapid and Simultaneous Detection of Multiple Mutations by pooled and Multiplex Single Nucleotide Primer extension: application to the Study of Insulin-Responsive Glucose Transporter and Insulin receptor Mutations in Non-Insulin-Dependent Diabetes", Human Molecular Genetics, Vol. 1(6) 391-395.	

Examiner Signature	<i>Lisa Bennett</i>	Date Considered	8/27/02
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TETRAGN.002A	APPLICATION NO. 09/471,703
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Irena N. Merenkova	GROUP 1043 1634
		FILING DATE December 23, 1999	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,518,900	05/21/98	Nikiforov et al.	435	91.1	
LBA	5,763,184	06/08/98	Reynolds et al.	435	6	
LBA	5,811,239	09/22/98	Frayne	435	6	
LBA	5,849,487	12/15/98	Hase et al.	435	6	
LBA	5,849,542	12/15/98	Reeve et al.	435	91.1	
LBA	5,885,775	03/23/99	Haff et al.	435	6	
LBA	5,925,520	07/20/99	Tully et al.	435	6	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Liu et al., <i>Cancer Research</i> 54: 4590-4594, 1994 "hMSH2 Mutations in Hereditary Nonpolyposis Colorectal Cancer Kindreds"
LBA	Landegren et al., <i>Genome Research</i> : 769-776, 1998 "Reading Bits of Genetic Information: Methods for Single-Nucleotide Polymorphism Analysis"

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EXAMINER <i>LBA B. Arthur</i>	DATE CONSIDERED <i>3/12/02</i>
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. TETRAGN.002A	APPLICATION NO. 09/471,703
	APPLICANT Irena N. Merenkova	NOV 13 2000 RECEIVED NOV 15 2000 TECH CENTER 1800/2900
	FILING DATE December 23, 1999	GROUP 1643

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,888,819	03/30/89	Goelet et al.	435	5	
LBA	6,004,744	12/21/89	Goelet et al.	435	5	
LBA	6,013,431	01/11/2000	Söderlund et al.	435	5	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
LBA		EP 0 648 280 B1	05/12/89	Europe	<hr/>	<hr/>		
LBA		WO 91/13075	08/05/91	PCT	<hr/>	<hr/>		

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EXAMINER <i>Guhanee Sonaya</i>	DATE CONSIDERED <i>10/21/2003</i>
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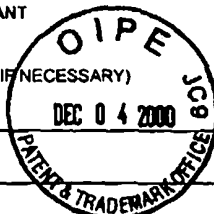
FORM PTO-1448	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TETRAGN.002A	APPLICATION NO. 09/471,703
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Irene N. Merenkova	
		FILING DATE December 23, 1999	GROUP <del>1043</del> 1034

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Coillie et al., <i>Biochemistry</i> , Vol. 37, 1998, pp. 12672-12680 "Functional Comparison of Two Human Monocyte Chemotactic Protein-2 Isoforms, Role of the Amino-Terminal Pyroglutamic Acid and Processing by CD26/Dipeptidyl Peptidase IV"
gp	GENBANK ACCESSION NO. U41213, Posted on GENBANK November 29, 1995 "Structure of the human MSH2 locus and analysis of two Muir-Torre kindreds for msh2 mutations"

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EXAMINER <i>Jehanne Souayk</i>	DATE CONSIDERED <i>10/21/2003</i>
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TETRAGN.002A	APPLICATION NO. 09/471,703
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		RECEIVED DEC 8 2000	
		APPLICANT Irene N. Merenkova	GROUP 1634
		FILING DATE December 23, 1999	TECH CENTER 1600/2900



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,679,524	10/21/97	Nikiforov et al.	435	6	
LBA	5,741,676	04/21/98	Fuller	435	91.1	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Ross et al., <i>Analytical Chemistry</i> , Vol. 69, No. 20, October 15, 1997, pp. 4197-4202 "Discrimination of Single-Nucleotide Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes Detected by MALDI-TOF Mass Spectrometry"
LBA	Marino et al., <i>Electrophoresis</i> , Vol. 17, 1996, pp. 1499-1504 "Characterization of mitochondrial DNA using low-stringency single specific primer amplification analyzed by laser induced fluorescence - capillary electrophoresis"
LBA	Nikiforov et al., <i>Nucleic Acids Research</i> , Vol. 22, No. 20, 1994, pp. 4167-4175 "Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms"
LBA	Hecker et al., <i>Analytical Biochemistry</i> , Vol. 272, 1999, pp. 156-164 "Mutation Detection by Denaturing DNA Chromatography Using Fluorescently Labeled Polymerase Chain Reaction Products"
LBA	Lee et al., <i>BioTechniques</i> , Vol. 27, No. 2, August 1999, pp. 342-349 "Seven-Color, Homogeneous Detection of Six PCR Products"
LBA	Fei et al., <i>Nucleic Acids Research</i> , Vol. 26, No. 11, 1998, pp. 2827-2828 "MALDI-TOF mass spectrometric typing of single nucleotide polymorphisms with mass-tagged ddNTPs"
LBA	Haff et al., <i>Nucleic Acids Research</i> , Vol. 25, No. 18, 1997, pp. 3749-3750 "Multiplex genotyping of PCR products with MassTag-labeled primers"
LBA	Ross et al., <i>Nature Biotechnology</i> , Vol. 16, December 1998, pp. 1347-1351 "High level multiplex genotyping by MALDI-TOF mass spectrometry"
LBA	Pastinen et al., <i>Clinical Chemistry</i> , Vol. 42, No. 9, 1996, pp. 1391-1397 "Multiplex, fluorescent, solid-phase minisequencing for efficient screening of DNA sequence variation"
LBA	Giordano et al., <i>Genomics</i> , Vol. 58, 1999, pp. 247-253 "Identification by Denaturing High-Performance Liquid Chromatography of Numerous Polymorphisms in a Candidate Region for Multiple Sclerosis Susceptibility"
LBA	Li et al., <i>Electrophoresis</i> , Vol. 20, 1999, pp. 1258-1265 "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry"
LBA	Hoogendoorn et al., <i>Hum Genet</i> , Vol. 104, 1999, pp. 89-93 "Genotyping single nucleotide polymorphisms by primer extension and high performance liquid chromatography"
LBA	Haff et al., <i>Genome Research</i> , Vol. 7, 1997, pp. 378-388 "Single-Nucleotide Polymorphism Identification Assays Using a Thermostable DNA Polymerase and Delayed Extraction MALDI-TOF Mass Spectrometry"
LBA	Liu et al., <i>Nucleic Acids Research</i> , Vol. 26, No. 8, 1998, pp. 1396-1400 "Denaturing high performance liquid chromatography (DHPLC) used in the detection of germline and somatic mutations"
LBA	Bogaert et al., <i>Am. J. Hum. Genet</i> , Vol. 55, 1994, pp. 1128-1138 "Expression, in Cartilage, of a 7-Amino-Acid Deletion in Type II Collagen from Two Unrelated Individuals with Kniest Dysplasia"
LBA	Whitney et al., <i>Experimental Hematology</i> , Vol. 22, 1994, pp. 866-874 "The molecular basis of canine pyruvate kinase deficiency"

EXAMINER <i>Jehanne Souza</i>	DATE CONSIDERED <i>10/21/2003</i>
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